

FILE 'REGISTRY' ENTERED AT 13:21:47 ON 14 MAY 2004

L1 1 S ISOQUERCITRIN/CN  
L2 1 S QUERCITRIN/CN  
L3 2 S ASCORBIC ACID/CN  
L4 1 S HESPERITIN/CN

FILE 'JAPIO' ENTERED AT 13:26:01 ON 14 MAY 2004

FILE 'USPATFULL, CAPLUS, KOSMET, IPA, JAPIO' ENTERED AT 13:26:11 ON 14 MAY 2004

L5 1365 S L1 OR ISOQUERCITRIN  
L6 2277 S L2 OR QUERCITRIN  
L7 950 S L4 OR HESPERITIN  
L8 145681 S L3 OR (ASCORBIC ACID) OR (VITAMIN C)  
L9 218022 S VITAMIN  
L10 33164 S CAROTENE  
L11 85 S L5 (10W) (L6 OR L7)  
L12 8 S L5 (10W) L9  
L13 5 S L5 (10W) L8  
L14 0 S L5 (10W) L10  
L15 45 S L5 AND L10  
L16 90 S L5 AND L8  
L17 82 DUPLICATE REMOVE L11 (3 DUPLICATES REMOVED)  
L18 8 DUPLICATE REMOVE L12 (0 DUPLICATES REMOVED)  
L19 5 DUPLICATE REMOVE L13 (0 DUPLICATES REMOVED)  
L20 42 DUPLICATE REMOVE L15 (3 DUPLICATES REMOVED)  
L21 85 DUPLICATE REMOVE L16 (5 DUPLICATES REMOVED)  
L22 11 S L18 OR L19  
L23 52 S L21 NOT L20  
L24 47 S L23 NOT L22

L22 ANSWER 4 OF 11 USPATFULL on STN

ACCESSION NUMBER: 2002:133249 USPATFULL

TITLE: Method for combating summer eczema and malanders

INVENTOR(S): Koniger, Helmut, Munchen, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002068099	A1	20020606
	US 6589571	B2	20030708
APPLICATION INFO.:	US 2001-961553	A1	20010920 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1999-374754, filed on 13 Aug 1999, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1998-19855717	19980813
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BAKER & DANIELS, 205 W. JEFFERSON BOULEVARD, SUITE 250,	
	SOUTH BEND, IN, 46601	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
LINE COUNT:	286	

SUMM . . . arvense are silicic acid (partly in the soluble form),  
equisetonin (saponin), a bitter substance, small amounts of  
3-methoxypyridine, nicotine, palustrin, **isoquercitrin**,  
galuteolin, dimethylsulfone, resin, fat, aconitic acid and other  
acids,  
**vitamin C**, enzymes, and polyenoic acids.

ER 3 OF 11 USPATFULL on STN

ACCESSION NUMBER: 2002:272521 USPATFULL

TITLE: Methods of treating Alzheimer's disease and other amyloidoses using Hypericum perforatum and derivatives thereof

INVENTOR(S): Castillo, Gerardo, Seattle, WA, UNITED STATES  
Snow, Alan D., Lynnwood, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002150637	A1	20021017
APPLICATION INFO.:	US 2002-108235	A1	20020326 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-525787, filed on 15 Mar 2000, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	PATRICK M. DWYER, PROTEOTECH, INC., SUITE 114, 1818 WESTLAKE AVENUE N., SEATTLE, WA, 98109		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	6 Drawing Page(s)		
LINE COUNT:	1661		

SUMM . . . from the group consisting of, but not limited to, flavanoids, xanthonenes, proanthocyanidins, dianthrones, tannins, monoterpenes, hyperoside, biapigenin, rutin, quercetin, quercitin, **isoquercitrin**, pseudohypericin, hyperforin, procyanidines, amentoflavine, luteolin, pectin, **vitamin A**, and **vitamin C**.

SUMM . . . from the group consisting of but not limited to, flavanoids, xanthonenes, proanthocyanidins, dianthrones, tannins, monoterpenes, hyperoside, biapigenin, rutin, quercetin, quercitin, **isoquercitrin**, pseudohypericin, hyperforin, procyanidines, amentoflavine, luteolin, pectin, **vitamin A**, and **vitamin C**.

L24 ANSWER 27 OF 47 USPATFULL on STN

ACCESSION NUMBER: 80:33159 USPATFULL

TITLE: Benzopyran glycoside acetals and ketals

INVENTOR(S): Fauran, Francois, Castanet-Tolosan, France

Feniou, Claude, Pessac, France

Mosser, Jacqueline, St-Medard-en-Jalles, France

Thibault, Annie, Le Bouscat, France

Andre, Claude, Fontaine, France

Prat, Gisele, Talence, France

PATENT ASSIGNEE(S): Laboratoires Sarget, Merignac, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4211772		19800708
APPLICATION INFO.:	US 1978-911634		19780601 (5)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1977-16817	19770602
	FR 1978-13807	19780510
	FR 1978-13808	19780510

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Brown, Johnnie R.

ASSISTANT EXAMINER: Hazel, Blondel

LEGAL REPRESENTATIVE: Oblon, Fisher, Spivak, McClelland & Maier

NUMBER OF CLAIMS: 9

EXEMPLARY CLAIM: 1,8

NUMBER OF DRAWINGS: 2 Drawing Figure(s); 2 Drawing Page(s)

LINE COUNT: 783

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD . . . Starting carbonyl

No. Glycoside compound M.P., .degree.C.

4 ANSWER 26 OF 47 USPATFULL on STN

ACCESSION NUMBER: 88:62483 USPATFULL

TITLE: Modification of plant extracts from zygophyllaceae and pharmaceutical use therefor

INVENTOR(S): Jordan, Russell T., Fort Collins, CO, United States

PATENT ASSIGNEE(S): Chemex Pharmaceuticals, Inc., Denver, CO, United States

(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4774229		19880927
APPLICATION INFO.:	US 1986-860654		19860507 (6)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1982-365784, filed on 5 Apr 1982, now abandoned which is a continuation-in-part of Ser. No. US 1979-49886, filed on 19 Jun 1979, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Rollins, John		
LEGAL REPRESENTATIVE:	Kenyon & Kenyon		
NUMBER OF CLAIMS:	21		
EXEMPLARY CLAIM:	1		
LINE COUNT:	835		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . kaempferol, luteolin 7,3'-dimethyl ether, luteolin 3'-methyl ether, apigenin 7-methyl ether, apigenin, dihydromyricetin 3,'5'-dimethyl ether, vicenin, chrysoeriol 6,8-di-C-glucoside, kaempferol 3-O-rhamnosylglucoside (nicotiflorin), **isoquercitrin**, rutin and isorhamnetin 30-rhamnosylglucoside.

DETD . . . with an ointment comprised of about 54 grams of zinc chloride, 5 grams quercetin, 10 grams NDGA, about 10 grams **ascorbic acid**, about 20 grams of water and about 8 grams of polyethylene glycol.

L24 ANSWER 23 OF 47 USPATFULL on STN  
 ACCESSION NUMBER: 2000:117288 USPATFULL  
 TITLE: Pharmaceutical grade St. John's Wort  
 INVENTOR(S): Khwaja, Tasneem A., Corona Del Mar, CA, United States  
 Friedman, Elliot P., Montecito, CA, United States  
 PATENT ASSIGNEE(S): University of Southern California, Los Angeles, CA,  
 United States (U.S. corporation)  
 Pharmaprint Inc., Irvine, CA, United States (U.S.  
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6113907		20000905
APPLICATION INFO.:	US 1997-956602		19971023 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-838198, filed on 15 Apr 1997, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Gitomer, Ralph		
LEGAL REPRESENTATIVE:	Lyon & Lyon LLP		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 6 Drawing Page(s)		
LINE COUNT:	3067		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD . . . the aerial portion of the plant. These include the following  
 flavonols; kaempferol, luteolin, myricetin, quercetin (2%); flavone  
 glycosides; quercitrin (0.524-0.3%), **isoquercitrin** [0.3%]  
 (Dorossiev, 1985, Pharmazie 585-586; Koget, 1972, Khimiya Prirodnikh  
 Soedinea 242-243), hyperin [0.7-1.1% hyperoside] (List and Horhammer,  
 1993), I3', II8-biapigenin. . .

DETD . . . in g %  
 Constituent Plant Part Concentration

Total Flavonoids		
	flowers	11.7
Total Flavonoids	stems and leaves	

L24 ANSWER 21 OF 47 USPATFULL on STN

ACCESSION NUMBER: 2001:147452 USPATFULL

TITLE: Topical delivery systems for active agents

INVENTOR(S): Niemiec, Susan M., Yardley, PA, United States  
Wang, Jonas C. T., Robbinsville, NJ, United States  
Wisniewski, Stephen J., Doylestown, PA, United States  
Stenn, Kurt S., Princeton, NJ, United States  
Lu, Gwang Wei, Plainsboro, NJ, United States  
PATENT ASSIGNEE(S): Johnson & Johnson Consumer Companies, Inc., Skillman, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6284234	B1	20010904
APPLICATION INFO.:	US 1999-360412		19990723 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Criares, Theodore J.		
ASSISTANT EXAMINER:	Kim, Jennifer		
NUMBER OF CLAIMS:	25		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	12 Drawing Figure(s); 9 Drawing Page(s)		
LINE COUNT:	1844		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD Examples of skin lightening agents nonexclusively include hydroquinone, catechol and its derivatives, **ascorbic acid** and its derivatives, and mixtures thereof.

DETD . . . hydrochloride, tricetylammmonium chloride, polyquaternium 10, panthenol, panthenol triacetate, vitamin A and derivatives thereof (e.g., tretinoin), vitamin B and derivatives thereof, **vitamin C** and derivatives thereof, vitamin D and derivatives thereof, vitamin E and derivatives thereof, vitamin K and derivatives thereof, keratin, lysine, . . .

DETD . . . ("P-1075") as disclosed in U.S. Pat. No. 5,244,664, which is incorporated herein by reference; vitamins, such as vitamin E and **vitamin C**, and derivatives thereof such as vitamin E acetate and **vitamin C** palmitate; hormones, such as erythropoietin, prostaglandins, such as prostaglandin E1 and prostaglandin

F2-alpha; fatty acids, such as oleic acid; diuretics. . . hexachlorobenzene; hydantoin; nifedipine; penicillamine; phenothiazines; pinacidil; psoralens, verapamil; zidovudine; alpha-glucosylated rutin having at least one of the following rutins: quercetin, **isoquercitrin**, hesperidin, naringin, and methylhesperidin, and flavonoids and transglycosidated derivatives thereof which are all disclosed in JP 7002677, which is incorporated.

DETD . . . and zinc oxide; organic sunscreens such as octyl-methyl cinnamates and derivatives thereof; retinoids; vitamins such as vitamin E, vitamin A, **vitamin C**, vitamin B, and derivatives thereof such as vitamin E acetate, **vitamin C** palmitate, and the like; antioxidants including alpha hydroxy acid such as glycolic acid, citric acid, lactic acid

L24 ANSWER 20 OF 47 USPATFULL on STN

ACCESSION NUMBER: 2001:182576 USPATFULL  
TITLE: Flavonoide esters and their use notably in cosmetics  
INVENTOR(S): Perrier, Eric, Les Cotes D'Arey, France  
Mariotte, Anne-Marie, St.Simeon De Bressieux, France  
Boumendjel, Ahcene, La Tronche, France  
Bresson-Rival, Delphine, Lyon, France  
PATENT ASSIGNEE(S): COLETICA, Lyon, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001031735	A1	20011018
	US 6471973	B2	20021029
APPLICATION INFO.:	US 2001-828986	A1	20010410 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-113158, filed on 10 Jul 1998, GRANTED, Pat. No. US 6235294		

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1998-6194	19980515
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ARMSTRONG, WESTERMAN, HATTORI,, MCLELAND & NAUGHTON, LLP, 1725 K STREET, NW, SUITE 1000, WASHINGTON, DC, 20006	
NUMBER OF CLAIMS:	54	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1217	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

SUMM . . . certain manifestations of scurvy which are cured by the administration of lemon juice are not cured by the administration of **vitamin C** alone. It was therefore postulated that **ascorbic acid** could only act in association with a factor "P", identified with flavonoids. Often anti-inflammatories (apigenol, chrysin, taxifolin, 8-glycosylhypolaetin, gossypin, etc.),.

SUMM [0012] They are active in the regeneration of **ascorbic acid** in vivo via glutathione. More generally, flavonoids are scavengers of free radicals formed under various circumstances:

SUMM . . . monoacid is selected from the group consisting of butyric acid (C4:0), valeric acid (C5:0), hexanoic acid (C6:0), sorbic acid (C6:2), **ascorbic acid**, lauric acid (C12:0), palmitic acid (C16:0), stearic acid (C18:0), oleic acid (C18:1), linoleic acid (C18:2), linolenic acid (C18:3), undecylenic acid. . .

SUMM [0084] Insofar as this organic monoacid, for example sorbic acid or **ascorbic acid**, has its own activity, the invention enables the activity of this acid to be combined with the activity of the. . .

CLM What is claimed is:

- . . . monoacid is selected from the group consisting of butyric acid (C4:0), valeric acid (C5:0), hexanoic acid (C6:0), sorbic acid (C6:2), **ascorbic acid**, lauric acid (C12:0), palmitic acid (C16:0), stearic acid (C18:0), oleic acid (C18:1), linoleic acid (C18:2), linolenic acid (C18:3), undecylenic acid. . .
- . . . monoacid is selected from the group consisting of butyric acid (C4:0), valeric acid (C5:0), hexanoic acid (C6:0), sorbic acid (C6:2), **ascorbic acid**, lauric acid (C12:0), palmitic acid



(C16:0), stearic acid (C18:0), oleic acid (C18:1), linoleic acid  
(C18:2), linolenic acid (C18:3), undecylenic acid. . .  
IT 106-31-0, Butyric anhydride 112-16-3, Lauroyl chloride 112-67-4,  
Palmitoyl chloride 117-39-5, Quercetin 153-18-4, Rutin 480-18-2